Early Stages.—The food-plants, according to Henry Edwards, who described the caterpillar and chrysalis in the "Canadian Entomologist," vol. v, p. 167, are *Erodium cicutarium*, clover, and violets.

The habitat of this species is southern California.

(12) Melitsea acastus, Edwards, Plate XVI, Fig. 11, ♂; Fig. 12, ♀, *under side* (Acastus).

Butterfly.—With thinner and less robust wings than any of the species of the genus hitherto mentioned. It is prevalently fulvous upon the upper side, and on the under side of the hind wings heavily and somewhat regularly banded with yellowish-white spots, possessing some pearly luster. Expanse, ♂, 1.50 inch; ♀, 1.60 inch.

Early Stages.—Unknown.

Common in Nevada, Utah, and Montana.

(13) Melitsea palla, Boisduval, Plate XVI, Fig. 13, ♂; Fig. 14, ♀, *under side* (The Northern Checker-spot).

Butterfly.—On the upper side resembling the preceding species, but with the median band of spots on the hind wings paler. On the under side the markings are different, as is shown in the plate. Expanse, ♂, 1.50 inch; ♀, 1.75 inch.

Early Stages.—The larva and chrysalis were described by Henry Edwards, the actor naturalist, in the "Proceedings of the California Academy of Sciences," vol. v, p. 167. The food-plant is *Castilleja.*

The species ranges from California to Colorado, and northward into British Columbia.

(14) Melitsea whitneyi, Behr, Plate XVII, Fig. 7, ♂; Fig. 8, ♀, *under side* (Whitney's Checker-spot).

Butterfly.—The markings are much as in *M. palla*, the spots are lighter fulvous and larger than in that species, the yellow bands on the under side are more prominent, and the marginal spots have a silvery luster which is lacking in *M. palla.* The female has the yellow of the under side more prominent than is the case in the male sex. Expanse, ♂, 1.50 inch; ♀, 1.70 inch.

Early Stages.— Altogether unknown. Whitney's Checker-spot ranges from California into Nevada.

(15) Melitaea hoffmanni, Behr, Plate XVII, Fig. 13, $; Fig. 14, ♀, *aberration* (Hoffmann's Checker-spot), *Butterfly*, &.—General style of marking much as in the two